

## ABSTRACT

An embedded outline font library based on description of stroke centerline  
5 technology is a brand-new technology, which uses self-defined font data format to  
describe characters. The multi-font Chinese font generator product can be migrated  
to any computer operating system. Because the stroke is described based on the  
centerline, and stroke thickness parameter and curvature change parameter are  
introduced, the fonts are infinitely beautiful. Both font library and the revivification  
10 (generator) program take small storage. The process of revivification is very fast.  
The font generator integrated circuit (IC) product can be embedded into CPU to  
make the system directly to be Chinese localized without any additional cost. The  
IC product is especially suitable for embedded applications with very wide  
application prospect.